

CLAIMS

1. Drive unit (10) for actuating drives in a motor vehicle with a first housing part (12), in particular a pole pot (12), and a second housing part (14), in particular a gear housing or electronic housing (14, 15), which can be connected by means of connecting elements (40), wherein the first housing part (12) features receptacles (38) for the connecting elements (40), characterized in that the receptacles (38) are embodied as centering holes (36) for corresponding centering pins (48), which are arranged on the second housing part (14).
5
2. Drive unit (10) according to Claim 1, characterized in that the centering pins (48) are embodied as connecting elements (40).
10
3. Drive unit (10) according to Claim 1, characterized in that the second housing part (14) features counter receptacles (44, 46) for the connecting elements (40), which are surrounded at least partially by the centering pins (48).
15
4. Drive unit (10) according to one of the preceding claims, characterized in that the centering pins (48) are embodied to be sleeve-like.
20
5. Drive unit (10) according to one of the preceding claims, characterized in that lead-in bevels (60, 66) are formed on the centering pins (48).
25
6. Drive unit (10) according to one of the preceding claims, characterized in that the connecting elements (40) feature a head (52), whose diameter (54) is greater than the diameter (56) of the centering holes (36).
30
7. Drive unit (10) according to one of the preceding claims, characterized in that the centering holes (36) are arranged as through bore holes (36) in a flange (34) made of metal in particular, whose thickness (70) is greater than the height (72) of the centering pin (48).
35
8. Drive unit (10) according to one of the preceding claims, characterized in that the centering pin (48) forms a clearance fit together with the centering holes (36).
40

9. Drive unit (10) according to one of the preceding claims, characterized in that the first and second housing parts (12, 14) are assigned bearing functions for an armature shaft (24).

5

10. Drive unit (10) according to one of Claims 3 through 9, characterized in that the counter receptacles (44) are embodied as pocket holes or through holes (46) in particular in a plastic flange (42).

10